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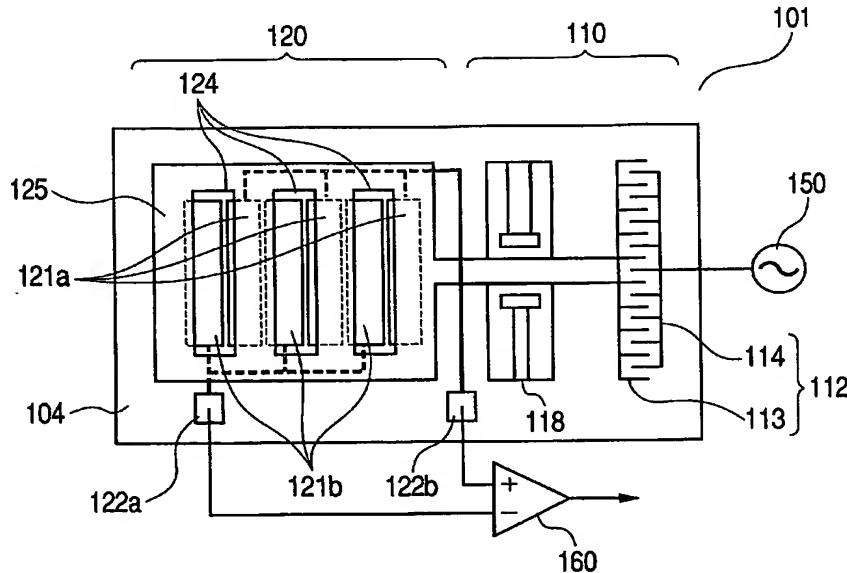
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(54) Title: MICROMECHANICAL POTENTIAL SENSOR



(57) Abstract: A potential sensor (101) including first and second detection electrodes (121 a, b) opposed to an object of which a potential is to be measured, and a movable shutter (125) so positioned between the detection electrodes and the potential-measured object with gaps thereto; wherein the movable shutter can assume a first state and a second state, the first detection electrode is exposed to the potential-measured object wider when the movable shutter assumes the first state than when the movable shutter assumes the second state, and the second detection electrode is exposed to the potential-measured object narrower when the movable shutter assumes the first state than when the movable shutter assumes the second state.



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